

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 217693US0		SERIAL NO. New Application	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Masayuki KOYANO, et al.			
				FILING DATE Herewith		GROUP	

10/098547
 03/18/02
 10/098547
 03/18/02

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
<i>mk</i>	AA	6,120,589	09/19/00	Bannai et al.	—	—	
<i>mk</i>	AB	5,993,524	11/30/99	Nagai et al.	—	—	
<i>mk</i>	AC	6,261,349	07/17/01	Nagai et al.	—	—	
<i>mk</i>	AD	5,879,439	03/09/99	Nagai et al.	—	—	
<i>mk</i>	AE	5,882,390	03/16/99	Nagai et al.	—	—	
<i>mk</i>	AF	6,231,652	05/15/01	Koyano et al.	—	—	
<i>mk</i>	AG	5,972,082	10/26/99	Koyano et al.	—	—	
<i>mk</i>	AH	5,810,915	09/22/98	Nagai et al.	—	—	
<i>mk</i>	AI	5,622,550	04/22/97	Konishi et al.	—	—	
<i>mk</i>	AJ	5,514,208	05/07/96	Nagai et al.	—	—	
<i>mk</i>	AK	5,431,720	07/11/95	Nagai et al.	—	—	
<i>mk</i>	AL	4,793,860	12/27/88	Murakami et al.	—	—	
<i>mk</i>	AM	4,711,668	12/08/87	Shimada et al.	—	—	
<i>mk</i>	AN	4,647,310	03/03/87	Shimada et al.	—	—	

FOREIGN PATENT DOCUMENTS					
DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
			YES	NO	
<i>mk</i>	AO	52-53012	04/28/77	JAPAN w/Partial English Translation	
<i>mk</i>	AP	55-065269	05/16/80	Japan w/English Translation	
<i>mk</i>	AQ	55-144172	11/10/80	Japan w/English Translation	
<i>mk</i>	AR	56-086789	07/14/81	Japan w/English Translation	
<i>mk</i>	AS	56-089594	07/20/81	Japan w/English Translation	
<i>mk</i>	AT	56-089595	07/20/81	Japan w/English Translation	
<i>mk</i>	AU	64-063185	03/09/89	Japan w/English Translation	
<i>mk</i>	AV	08-020159	01/23/96	Japan w/English Translation	

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)	
AW	
AX	
AY	
AZ	

Examiner *mk*

☐ Additional References sheet(s) attached

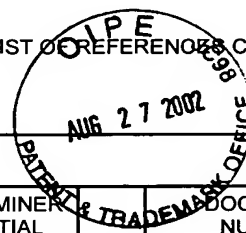
Date Considered **12/8/03**

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 217693US0		SERIAL NO. 10/098,547	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Masayuki KOYANO, et al.			
				FILING DATE March 18, 2002		GROUP 1755	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
<i>msk</i>	AA 6,156,384	12/05/2000	G. F. HUTTER, et al.				
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
<i>msk</i>	AO	WO 99/64249	12/16/99	WIPO			
<i>msk</i>	AP	1 034 940	09/13/2000	EUROPE			
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>msk</i>	AW	Patent Abstracts of Japan, JP 63 299971, December 7, 1988					
<i>msk</i>	AX	Patent Abstracts of Japan, JP 05 148775, June 15, 1993					
	AY						
	AZ						
Examiner <i>msk</i>					Date Considered 12/8/03		

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 217693US0		SERIAL NO. New Application	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Masayuki KOYANO, et al.			
				FILING DATE Herewith		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
<i>ml</i>	AA	4,737,190	04/12/88	Shimada et al.	—	—	
<i>ml</i>	AB	4,713,113	12/15/87	Shimada et al.	—	—	
<i>ml</i>	AC	4,631,085	12/23/86	Kawanishi et al.	—	—	
<i>ml</i>	AD	4,581,071	04/08/86	Akutsu et al.	—	—	
<i>ml</i>	AE	4,554,555	11/19/85	Aruga et al.	—	—	
<i>ml</i>	AF	4,620,876	11/04/86	Fujii et al.	—	—	
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO			
<i>ml</i>	AO	08-020161	01/23/96	Japan w/English Translation			
<i>ml</i>	AP	08-142500	06/04/96	Japan w/English Translation			
<i>ml</i>	AQ	10-250216	09/22/98	Japan w/English Translation			
<i>ml</i>	AR	11-010856	01/19/99	Japan w/English Translation			
<i>ml</i>	AS	2000-037942	02/08/00	Japan w/English Translation			
<i>ml</i>	AT	2000-044855	02/15/00	Japan w/English Translation			
<i>ml</i>	AU	2000-063719	02/29/00	Japan w/English Translation			
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW						
	AX						
	AY						
	AZ					<input type="checkbox"/> Additional References sheet(s) attached	
Examiner <i>ml</i>				Date Considered 12/8/03			
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 217693US0		SERIAL NO. 10/098,547	
LIST OF REFERENCES CITED BY APPLICANT <div style="text-align: center;">  </div>				APPLICANT Masayuki KOYANO, et al.			
				FILING DATE 03/18/02		GROUP 1755	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>mm</i>	AA	5,968,301	10/19/99	MURAKAMI, et al.	—	—	
<i>mm</i>	AB	6,020,103	02/01/00	TSUBUKO, et al.	—	—	
<i>mm</i>	AC	5,851,717	12/22/98	TSUBUKO, et al.	—	—	
<i>mm</i>	AD	6,439,713	08/27/02	NOGUCHI, et al.	—	—	
<i>mm</i>	AE	5,619,765	04/15/97	TOKITA, et al.	—	—	
<i>mm</i>	AF	5,782,254	07/21/98	TANIKAWA, et al.	—	—	
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AO						
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW						
	AX						
	AY						
	AZ						
Examiner <i>[Signature]</i>					Date Considered 12/8/03		

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

RECEIVED

AUG 28 2002

TC 1700